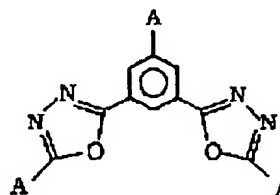


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## Patent Abstracts of Japan

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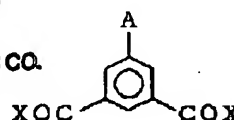
I

APPLICANT : RICOH CO LTD;

APR 12 2005

INVENTOR : TAMOTO NOZOMI;

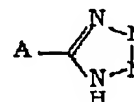
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C07D413/14 C07D413/14 C07D413/14  
// C09B 57/00 C09K 11/06 H05B 33/14

II

TITLE : OXADIAZOLE DERIVATIVE AND ITS  
PRODUCTION



III

ABSTRACT : PROBLEM TO BE SOLVED: To obtain an oxadiazole derivative which has high emission intensity, good electron transportation and stabilized film-forming properties and is useful as a constituent for organic EL elements and as a fluorescent brightener.

SOLUTION: The objective oxadiazole derivative of formula I (A is independently to one another a substituted or unsubstituted alkyl such as methyl or ethyl, a substituted or unsubstituted aryl such as phenyl or biphenyl, a substituted or unsubstituted heterocyclic aromatic ring group such as pyridyl or pyrimidyl) is prepared by, for example, reaction of a compound of formula II (X is a halogen) with a compound of formula III.

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